

CLAIMS:

1. A computerized file system comprising:
 - a. an underlying computerized file system;
 - b. a database wherein said database provides storage for:
 - i. at least one pointer corresponding to a location associated with an object in said underlying file system, and
 - ii. at least one instruction corresponding to a virtual location associated with said object;
 - c. a graphical user interface which provides:
 - i. a manipulable display, wherein said GUI interprets said at least one instruction to present said virtual location of said object in said manipulable display, and
 - ii. a wizard which presents at least one screen comprising at least one step for defining a rule wherein said rule is associated with said object.
2. An computerized file system comprising:
 - a. an underlying computerized file system;
 - b. a database wherein said database provides storage for:
 - i. at least one pointer corresponding to a location associated with a plurality of objects in said underlying file system, said objects comprising at least a first object and a second object, wherein said plurality of objects comprise one or more of the following: a text file, music file, multimedia file, compressed file, uniform resource locator, contact, memo, bulletin board posting, or calendar; and
 - ii. at least one instruction corresponding to a virtual location associated with each of said objects;
 - c. a graphical user interface which provides a manipulable display wherein said graphical user interface interprets said at least one

TOP SECRET//COMINT

5

10

15

20

25

30

instruction to present said virtual location of said objects and wherein said second object may be manipulated and displayed as a virtual child of said first object.

- 5 3. A computerized file system comprising:
- 10 a. an underlying computerized file system;
- 15 b. a database wherein said database provides storage for:
- 20 i. at least one pointer corresponding to a location associated with a plurality of objects in said underlying file system, comprising at least a first object and a second object; and
- 25 ii. at least one instruction corresponding to a virtual location associated with each of said objects;
and wherein said database also provides storage for at least one pointer corresponding to a location associated with a directory in said underlying file system;
- 30 c. a graphical user interface comprising:
- i. a manipulable display, wherein said GUI interprets said instruction to present said virtual location of each of said objects wherein said second object may further virtually comprise a child of said first object, and
- ii. a wizard comprising at least one screen comprising at least one step for defining a rule for association with each of said objects or said directory.
- 25 4. An enhanced computerized file system comprising:
- 30 a. an underlying computerized file system;
- b. a database including:
- i. a portion of memory for storing at least one pointer corresponding to a location associated with a plurality of objects in said underlying file system, said objects comprising a first object and a second object;

- ii. a portion of memory for storing at least one instruction corresponding to a virtual location associated with each of said objects; and
 - iii. a portion of memory for storing at least one pointer corresponding to a location associated with a directory in said underlying file system;
- 5 c. a graphical user interface (GUI) comprising:
- i. a manipulable display which presents said virtual location of each of said objects wherein said second object may further comprise a child of said first object, and
 - ii. a wizard which presents at least one screen comprising at least one step for defining a rule for association with each of said objects or said directory; and
- 10 d. an application programming interface (API) which:
- i. accepts commands from a user from said GUI (user commands);
 - ii. translates said user commands into a set of native commands to be run against said database and against said underlying file system to obtain an output;
 - iii. processes said output; and
- 15 iv. displays said output on said GUI.
- 20
5. A method of enhancing a computerized file system comprising:
- a. associating an underlying computerized file system of a computer system with a database;
 - b. providing a memory location in said database for a pointer corresponding to a location for a plurality of objects stored in said underlying computerized file system, said objects comprising at least a first object and a second object, wherein said plurality of objects comprise one or more of the following: a text file, music file, multimedia file, compressed file, uniform resource locator, contact, memo, bulletin board posting, or calendar;
- 25
- 30

- c. providing a storage location for an instruction corresponding to a virtual location associated with each of said plurality of objects;
- d. providing a storage location for a rule corresponding to each of said plurality of objects in said database;
- 5 e. providing a graphical user interface (GUI);
- f. presenting a manipulable display of said virtual location of each of said plurality of objects wherein said second object may further comprise a child of said first object, and
- 10 g. providing a wizard which presents at least one screen comprising at least one step for defining said rule for association with each of said objects or a directory associated with said underlying file system; and
- 15 h. providing an application programming interface (API) which:
 - i. accepts commands from a user from said GUI (user commands);
 - ii. translates said user commands into a set of native commands to be run against said database and against said underlying file system to obtain an output;
 - iii. processes said output; and
 - iv. displays said output through said GUI.